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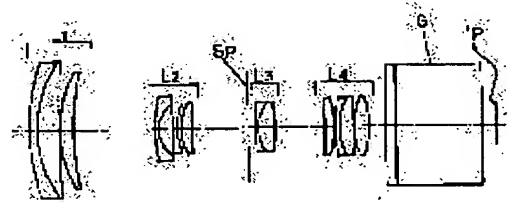
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(54) REAR-FOCUS SYSTEM ZOOM LENS

(57)Abstract:

PURPOSE: To obtain a rear-focus system zoom lens provided with four lens groups as a whole, a high power variation range up to power variation ratio of 8-10 and good optical performance over the whole power variation range and also over the whole object distance.

CONSTITUTION: The zoom lens is provided with four lens groups; a 1st group L1 having a positive refractive power, a 2nd group L2 having a negative refractive power, a 3rd group L3 having a positive refractive power and a 4th group L4 having a positive refractive power in this order from the object side, and the 2nd group L2 is moved to an image field side so as to vary the power from a wide angle end to a telephoto end, and the image field fluctuation following the power variation is corrected by moving the 4th group L4, and also, the focusing is performed by moving the 4th group L4, and provided that F_i denotes the focal distance of the (i) group, the following condition is satisfied; $3.5 < F_3/F_4$.



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